

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: I-35/1st Street & NE 36th Street Final Design
Contractor: Howard R Green Company
Address: P.O. Box 4764 Des Moines, IA 50306-4764
Finance Budget Code: 954.3954.4210 **Finance Project Code:** 954.4210
Vendor Project or Invoice #: 523270J04 **PO #**
Original Contract Date: December 21, 2009 **Vendor #** 5531

Date of Council Meeting 9/20/2010 **PAYMENT REQUEST #** 6
PAYMENT PERIOD: From: 07/24/10 through: 08/27/10

Contract Summary

Original Contract Amount:	\$	<u>1,050,000.00</u>	
Net change by Change Orders:	\$	<u>10,300.00</u>	
Contract Amount to Date: (line 1 ± 2)	\$	<u>1,060,300.00</u>	
Total completed and stored to date:	\$	<u>577,108.46</u>	
Retainage: <u>0</u> % of Completed Work:	\$	<u>-</u>	
Total Earned less Retainage:	\$	<u>577,108.46</u>	
Less previous applications for payment:	\$	<u>556,174.01</u>	
SUBTOTAL	\$		<u>20,934.45</u>

OTHER CHARGES (Please attach an itemized list) \$ -

CURRENT PAYMENT DUE \$ 20,934.45

Balance to finish, including retainage: \$ 483,191.54

Contract Time Remaining (If applicable) -

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature

Date

Engineer/Consultant Approval: Howard R. Green Company

Firm Name

Signature

Date

City of Ankeny Staff Approval

Signature

Date

Submit to: Paul Moritz, P.E., Public Works Director, 220 W. First Street, Ankeny, IA 50023-1751

Email: pmoritz@ankenyiowa.gov Phone: 963-3522 Fax: 963-3535

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

#	Date	Amount
1	3/25/2010	\$ 46,788.65
2	4/27/2010	\$ 102,565.75
3	6/3/2010	\$ 144,230.63
4	6/29/2010	\$ 150,100.35
5	7/28/2001	\$ 112,488.63
6		\$ -
7		\$ -
8		\$ -
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TOTAL \$ 556,174.01

#	Date	Amount
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Record of Change Orders

#	Date	Amount
1	4/19/2010	\$ 10,300.00
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TOTAL		\$ 10,300.00

Contract Time Remaining:

CONTRACT PERIOD:	CLICK TO CHOOSE
Original Contract Date:	December 21, 2009
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	0
Time Used to Date:	
Contract Time Remaining:	0

Progress Report #6

July 24, 2010 through August 27, 2010



Howard R. Green Company

To: Paul Moritz, P.E., City of Ankeny Public Works Director

From: Mark Mueller, P.E.

Subject: I-35 & NE36th Street Interchange Final Design
Iowa DOT Project No. IM-35-4(138)94—13-77 and IM-35-4(165)94—13-77
HR Green Project No. 523270J04

Date: August 31, 2010

I. Activities Completed This Reporting Period

Task A – Project Management and Administration

1. Coordinated project instructions, schedule and work plan with project team.
2. Monitored activities, project schedule and project budget.
3. Coordinated with the City and Iowa DOT regarding project issues. Conducted periodic coordination meetings with the City.
4. Coordinated with geotechnical subconsultant (Terracon) regarding final geotechnical design and final geotechnical plans.
5. Performed quality assurance of final plans for Phase 1 grading/RCB project.
6. Prepared and submitted invoice and progress report.

Task B – Topographic Surveys

1. No work.

Task C – Final Roadway Design (Grading and Paving)

1. Responded to Iowa DOT comments on the Phase 1 grading/RCB final plans and revised the final plans, BIAS file, and final opinion of probable construction cost (OPC) accordingly.
2. Began compiling electronic CAD files and proposed surface model files for Iowa DOT.

Task D – Final Drainage Design

1. No work.

Task E – Final Structural Design

1. Responded to Iowa DOT comments on the bridge final plans and revised the final plans accordingly.
2. Coordinated with roadway, utility and lighting design, as necessary.

Task F – Final Lighting Design

1. No work.

Task G – Acquisition Plats

1. No work.

Task H – Utility Coordination and Permits

1. Coordinated with the City and private utilities regarding City/utility cost-sharing agreements and utility accommodation permits.

Task I – Bidding and Construction RFI Services

1. No work.

Task J – Geotechnical Engineering, S3/S4 Services

1. Terracon completed final geotechnical design (S3/S4) work for Phase 1 grading/RCB project. Please refer to the attached "Activity Summary" provided by Terracon.

II. Activities to be Completed Next Reporting Period

1. Continue coordination with the City and Iowa DOT regarding project issues.
2. Respond to comments from Iowa DOT regarding final plans for I-35 bridges and the Phase 1 grading/RCB project. Revise final plans for both projects, as necessary.
3. Continue coordination with the City and private utilities (specifically Qwest) regarding joint utility trench and City's cost-sharing agreement.

III. Estimated Value Completed

Item	Budget	Spent		% Spent To Date	% Complete (Estimated)
		This Report	To Date		
Task A - Project Management and Admin.	\$154,246.00	\$5,328.50	\$59,144.25	38.3%	40.0%
Task B - Topographic Surveys	\$8,760.00	\$0.00	\$0.00	0.0%	0.0%
Task C - Final Roadway Design	\$401,738.00	\$1,528.00	\$233,904.50	58.2%	40.0%
Task D - Final Drainage Design	\$25,080.00	\$0.00	\$16,490.00	65.7%	50.0%
Task E - Final Structural Design	\$196,635.00	\$2,947.50	\$133,753.25	68.0%	80.0%
Task F - Final Lighting Design	\$12,480.00	\$0.00	\$6,367.00	51.0%	30.0%
Task G - Acquisition Plats	\$50,960.00	\$0.00	\$5,327.50	10.5%	80.0%
Task H - Utility Coordination and Permits	\$11,400.00	\$154.00	\$11,771.50	103.3%	60.0%
Task I - Bidding and Construction RFI	\$18,080.00	\$0.00	\$0.00	0.0%	0.0%
Task J - Final Geotechnical Engineering	\$97,175.00	\$10,734.95	\$98,232.81	101.1%	85.0%
Task N - Rest Area Demolition Design	\$10,300.00	\$0.00	\$0.00	0.0%	0.0%
Expenses	\$23,446.00	\$241.50	\$12,117.65	51.7%	45.0%
TOTAL	\$1,010,300.00	\$20,934.45	\$577,108.46	57.1%	53.1%
Contingency	\$50,000.00				

IV. Issues Encountered

1. Mid-American Energy (MEC), Iowa Network Services (INS) and Qwest have accepted the joint utility trench design and the City's cost-sharing agreement. MEC and Qwest still need to prepare and submit the utility accommodation permits to the City.

V. Project Status

1. Schedule: The Phase 1 project (grading, RCB, bridges) lettings are scheduled for October 19, 2010. Final Plans for the bridge and Phase 1 grading/RCB project were submitted to the Office of Contracts on 8/03/10. The Phase 2 project (paving, RCB, lighting, traffic signals) lettings are scheduled for November 2011. The project is currently tracking on schedule.
2. Budget: Contract Amendment No. 1, which is for the rest area demolition design, was authorized by the City on 4/19/10 and increased the estimated fee by \$10,300. The project is currently tracking within the overall estimated budget.

3. Additional/Out-of-Scope Work:

- a. Additional soil borings were obtained on Parcel 14 (DRA Properties) and additional laboratory testing was performed to better assess the soils in the proposed "backslope" borrow area. In a 2/18/10 Memo of Understanding, the City authorized the use (if necessary) of \$3500 in contingency to account for this additional/out-of-scope work.
- b. At the 2/04/10 utility coordination meeting for the project, there was consensus among the City and private utilities that construction of a joint utility trench should be included with the project to accommodate the various new and relocated utilities within the limits of the new interchange. The joint utility trench design and additional coordination/meetings necessary to develop the joint utility trench design were not included in the Agreement's original scope of services. The labor hours (159 total hours through 8/27/10) and associated expenses due to this additional/out-of-scope work was tracked separately and invoiced under Task C – Final Roadway Design (126 hours) and Task H – Utility Coordination and Permits (33 hours).
- c. At a 7/15/10 geotechnical coordination meeting for the project, Iowa DOT – Soils Design requested Terracon prepare an S4 soils submittal for phase 1 construction of the Triple 10' X 10' RCB. The S4 soils submittal included additional coordination/meetings, geotechnical analysis (settlement and global slope stability), preparing a report, and developing an SPS sheet for inclusion with the phase 1 grading/RCB plans. Preparing an S4 soils submittal was not included in the Agreement's original scope of services. This additional/out-of-scope work required an additional \$4000 in labor and expense costs to complete.
- d. Iowa DOT – Soils Design has requested (via an 8/24/10 e-mail) Terracon also prepare an S4 soils submittal for phase 2 construction of the Triple 10' X 10' RCB. Terracon estimates this additional/out-of-scope work will require an additional \$3500 in labor and expense costs to complete.

If the original estimated budget for the project is exceeded due to additional/out-of-scope work, HR Green will request release of contingency and, if necessary, additional fee from the City of Ankeny. HR Green will keep the City apprised of additional/out-of-scope work as the project progresses.

ACTIVITY SUMMARY

NE 36th Street / Interstate-35 Interchange
Ankeny, Iowa
Geotechnical Engineering Services

IDOT No. IM-35-4(165)94--13-77
Terracon Project No. 08105011

Period of 07/11/10 through 07/31/10 (Invoice No. T142383)

1. Consultant team meetings and conference calls
2. Revisions to Phase I soil plan/profile Q sheets
3. Revisions to Phase I soil information on cross-sections
4. Revisions to Phase I S3 road grading package report
5. Preparation of & revisions to culvert soils profile SPS sheet
6. Preparation of & revisions to culvert S4 report
7. Contract administration

Upcoming Work:

1. Contract administration
2. (Future) Preparation of Phase II soil plan/profile Q sheets
3. (Future) Preparation of Phase II soil cross-section sheets for Ramps A & C
4. (Future) Assistance with Phase II tabulations
5. (Future) Preparation of Phase II S3 road grading package report